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# TRANSMITTAL FORM

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Total Number of Pages in This Submission

Application Number	10/581,340 ✓
Filing Date	June 2, 2006
First Named Inventor	David S. GARVEY
Art Unit	N/A
Examiner Name	Not Yet Assigned
Attorney Docket Number	0102258.00368US2

## ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to TC
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Remarks

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	WILMER CUTLER PICKERING HALE AND DORR LLP		
Signature			
Printed name	Jacob Steven Oylo		
Date	August 3, 2007	Reg. No.	58,686

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Dated: August 3, 2007

Signature: (Jacob Steven Oylo)



Docket No.: 0102258.00368US2  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: David S. GARVEY et al. Confirmation No.:  
Application No.: 10/581,340 Art Unit: N/A  
Filed: June 2, 2006 Examiner: Not Yet Assigned  
Title: NITRIC OXIDE RELEASING PYRUVATE COMPOUNDS,  
COMPOSITIONS AND METHODS OF USE

Customer Window, Mail Stop Amendment  
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**INFORMATION DISCLOSURE STATEMENT (IDS)**

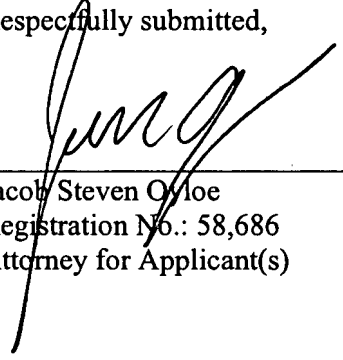
Dear Sir:

This Information Disclosure Statement is being filed prior to the mailing date of a first Office Action on the merits. No fee is required.

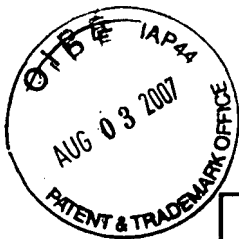
Applicants request that the Examiner initial and return a copy of the enclosed Form PTO SB-08 with the next communication.

Dated: August 3, 2007

Respectfully submitted,

  
\_\_\_\_\_  
Jacob Steven O'Loe  
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Used in Lieu of PTO/SB/08A/B  
(Based on PTO 04-07 version)

Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)			<b>Complete If Known</b>		
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Sheet	1	of	5	Attorney Docket Number	0102258.00368US2

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	AA*	US-4,780,401	10-25-1988	Heusser et al.	
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	AJ*	US-5,063,207-A	11-05-1991	Doherty et al.	
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Examiner Signature	Date Considered
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				First Named Inventor	David S. GARVEY
				Art Unit	N/A
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Sheet	2	of	5	Attorney Docket Number	0102258.00368US2

	AU1*	US-5,703,073-A	12-30-1997	Garvey et al.	
	AV1*	US-5,807,847	09-15-1998	Thatcher et al.	
	AW1*	US-5,859,053	01-12-1999	Lesur et al.	
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	AY1*	US-5,876,916	03-02-1999	Brunengraber et al.	
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	AW2*	US-6,633,272	10-14-2003	Kumagawa et al.	

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Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
	BA	EP	0574726	12-22-1993	Cassella Farbwerke Mainkur Ag		
	BB	EP	0683159	11-22-1995	Cassella Farbwerke Mainkur Ag		
	BC	WO	0028988	05-25-2000	Nitromed Inc et al.		
	BD	WO	0051988	09-08-2000	Nicox Sa et al.		
	BE	WO	0054756	09-21-2000	Univ Kingston		
	BF	WO	0061537	10-19-2000	Nicox Sa et al.		
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	BH	WO	0061604	10-19-2000	Nicox Sa et al.		
	BI	WO	0072838	12-07-2000	Astrazeneca Ab et al.		
	BJ	WO	0100563	01-04-2001	Nicox Sa et al.		
	BK	WO	0104082	01-18-2001	Nicox Sa et al.		
	BL	WO	0110814	02-15-2001	Nicox Sa et al.		
	BM	WO	0112584	02-22-2001	Nicox Sa et al.		
Examiner Signature					Date Considered		

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Sheet	3	of	5	Attorney Docket Number	0102258.00368US2

	BN	WO-0124793	04-12-2001	Masstrace Inc et al.		
	BO	WO-0145703	06-28-2001	Nitromed Inc et al.		
	BP	WO-0187343	11-22-2001	Merck Frosst Canada Inc et al.		
	BQ	WO-02074301	09-26-2002	Univ Pittsburgh et al.		
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	BS	WO-0211707	02-14-2002	Nicox Sa et al.		
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	BW	WO-9309806	05-27-1993	Brigham & Womens Hospital		
	BX	WO-9401422	01-20-1994	Chiesi Farma Spa et al.		
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	BA1	WO-9404484	03-03-1994	Corlay SI et al.		
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	BJ1	WO-9519952	07-27-1995	Byk Nederland Bv et al.		
	BK1	WO-9530641	11-16-1995	Nicox Ltd et al.		
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	BV1	WO-9746521	12-11-1997	Univ Kingston et al.		
	BW1	WO-9819672	05-14-1998	Nitromed Inc et al.		

Examiner Signature		Date Considered	
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Sheet	4	of	5	Attorney Docket Number	0102258.00368US2

	BX1	WO-9821193	05-22-1998	Nicox Sa et al.		
	BY1	WO-9851277	11-19-1998	Univ Case Western Reserve		
	BZ1	WO-9964417	12-16-1999	Zeneca Ltd et al.		

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \* CITE NO.: Those application(s) which are marked with an single asterisk (\*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	CA	<i>Arzneim. Forsch. Drug Res</i> , 47 (II), No. 7, p. 847-854 (1997)	
	CB	Boschi, et al., "New Potential Uroselective NO-Donor $\alpha$ 1-Antagonists," <i>J. Med. Chem.</i> , Vol. 46, p. 3762-3765 (2003)	
	CC	Brideau, et al., "A human whole blood assay for clinical evaluation of biochemical efficacy of cyclooxygenase inhibitors," <i>Inflamm Res.</i> , 45: 68-74 (1996)	
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	CF	Di Stilo, et al., "New 1,4-Dihydropyridines Conjugated to Furoxanyl Moieties, Endowed with Both Nitric Oxide-like and Calcium Channel Antagonist Vasodilator Activities," <i>J. Med. Chem.</i> , Vol. 41, p. 5393-5401 (1998)	
	CG	Drug facts and comparisons, (1993 Ed.)	
	CH	Fruttero, et al., "The Furoxan System as a Useful Tool for Balancing 'Hybrids' with Mixed $\alpha$ 1-Antagonist and NO-like Vasodilator Activities," <i>J. Med. Chem.</i> , Vol. 38, p. 4944-4949 (1995)	
	CI	Fruttero, et al., "Unsymmetrically Substituted Furoxans, Part 11[1]. Methylfurosancarbaldehydes," <i>J. Heterocyclic Chem.</i> , 26: 1345-1347 (1989)	
	CJ	Goodman and Gilman's, <i>The Pharmacological Basis of Therapeutics</i> (9th Edition), McGraw-Hill, p. 617-657 (1995)	
	CK	Goodman & Gilman's <i>The Pharmacological Basis of Therapeutics</i> (9th Edition), McGraw-Hill, p. 901-915 (1995)	
	CL	Greene and Wuts, <i>Protective Groups in Organic Synthesis</i> , Third Edition, John Wiley & Sons, New York (1999)	
	CM	Ignarro, et al., "Endothelium-derived relaxing factor produced and released from artery and vein is nitric oxide," <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 84, p. 9265-9269 (1987)	
	CN	Keaney, et al., "Diabetes, Oxidative Stress, and Platelet Activation," <i>Circulation</i> , 99:189-191 (1999)	
	CO	Merck Index, 13th Edition	
	CP	Moharram, et al., "Design and Synthesis of 3' - and 5' -O-(3-Benzenesulfonylfuroxan-4-yl)-2'-deoxyuridines; Biological Evaluation as Hybrid Nitric Oxide Donor--Nucleoside Anticancer Agents," <i>J. Med. Chem.</i> , Vol. 47, p. 1840-1846 (2004)	
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	CR	Palmer, et al., "Nitric oxide release accounts for the biological activity of endothelium-derived	

Examiner Signature		Date Considered	
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Sheet	5	of	5	Attorney Docket Number	0102258.00368US2

		relaxing factor," <i>Nature</i> , Vol. 327, p. 524-526 (1987)	
	CS	<i>The Physicians' Desk Reference</i> , (49th Ed.), Medical Economics (1995)	
	CT	Visentin, et al., "New 1,4-Dihydropyridines Endowed with NO-Donor and Calcium Channel Agonist Properties," <i>J. Med. Chem.</i> , Vol. 47, p. 2688-2693 (2004)	
	CU	Wang, et al., "Nitric Oxide Donors: Chemical Activities and Biological Applications," <i>Chem. Rev.</i> , 102: 1091-1134 (2002)	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

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